

A/C service unit COOLIUS A10

Order no. W050 101 030

**REFRIGERANT
R134a**



The COOLIUS A10 is your easy-to-use and mobile companion for the air conditioning service on R134a systems.

Ideal for service on cars, vans, commercial vehicles, construction vehicles and agricultural vehicles.

Highlights

Efficient in mobile use

- Innovative data input with CooliusSelect: Convenient menu navigation and operation with navigation dial
- Innovative scale construction with a transport lock, which can be fixed without tools, ensures maximum shock reduction and allows easy mobile use
- Device is optimally mobile usable, as it can be operated with a voltage transformer

Smart documentation

- Reading and exporting data via USB interface (Excel)
- Enables the documentation of individual services as well as the evaluation of the total refrigerant consumption

Ready to perform

- Quick change of oil type possible through intelligent internal flushing of the line system (PAG to POE oil etc.) including flushing of the service hoses
- Ready for hybrid and electric vehicles - equipped with 1 fresh oil, 1 waste oil and 1 UV additive container
- High suction rate of the compressor allows recovery of almost 100% of the charged refrigerant

Service-friendly components

- Use of high-quality and specially matched components, allows a long service interval
- Fast and easy fault diagnosis with two analogue manometers

No unwanted access

- Personalized access for the device can be set up. Personal 4-digit password ensures access only for authorized persons



Innovative data input with CooliusSelect

Comfortable menu navigation and operation by navigation wheel.



Secure scales construction

with transport lock for mobile application



Convincing inner values

High quality components for optimal performance



Everything at a glance

Quick and easy fault diagnosis with two analogue pressure gauges



Ready for hybrid and electric vehicles

Equipped with 1 fresh oil, 1 used oil and 1 UV additive reservoir

Technical data

Dimensions	572 x 545 x 1045 mm
Weight	65 kg
Casing	metal with robust plastic cover
Power	230 V / 50 Hz
Operating temperature range	+10 / +49 °C
Refrigerant	R134a
Refrigerant tank	11 kg
Refrigerant scale	60 kg loadable
Max. operating pressure	20 bar
Compressor	1/3 HP
Recovery rate (liquid)	300 g/min
Non condensable gas discharge	Automatic
Main filter dryer (1 piece)	Type 660 Coaxial
Large ventilator for safe operation	D 172 mm
High recovery speed by cooling the compressor with a fan	D 172 mm
Monitoring of pressure increase in the A/C system	Automatic
Old oil discharge	Automatic
Old oil reservoir capacity	250 ml
Öl / UV accuracy	± 2 g
Refrigerant recovery and charge accuracy	± 15 g
Vacuum pump capacity	100 l/min
Final pressure (McLeod abs)	0,05 mb
Electronic pressure sensor	Included
PAG / POE oil charge	Automatic
PAG / POE oil reservoir capacity	250 ml
UV additive reservoir capacity	100 ml

Refrigerant charge	Automatic
Flushing program	Included
Refrigerant management system	Included
Well-arranged display in four lines	4 x 20 characters
Acoustic signal	For errors and hints
Update of the vehicle data base	Via USB port
Set-up of own vehicle data base	Included
Integrated printer	With multiple printing
High pressure and low pressure valves	Electronically controlled
Pressure gauges (pulse free) LP + HP	CL 1.0 / D 80 mm
Parker quick couplers	SAE J639
Service hoses 3 m	SAE J2197
Extension kit service hoses	Optional
Service hoses compensation	Automatic
Certifications	CE-certification by TÜV Süd

Scope of delivery

A/C service unit COOLIIUS A10
Service hoses with standard couplers (length 3 m)
Stickers for the various oils and UV additives
Service booklet
Quick start guide (with website link for multi-lingual operating instructions)
Unit familiarisation (optional)
Vehicle fill quantity database

Have you also thought of materials and accessories such as refrigerant, oils, UV leak detection additive or UV LED flashlight?